

IN THE CLAIMS

1 1. (canceled)

1 2. (currently amended): The sight as defined in claim ~~1~~ 13,  
2 wherein said sighting member is interchangeably attached  
3 to said mounting member so as to accommodate different  
4 user preferences of sight ports.

1 3. (currently amended): The sight as defined in claim ~~1~~ 13,  
2 wherein said mounting member is generally oval-shaped;  
3 and  
4 wherein said mounting member is vertically-oriented.

1 4. (canceled)

1 5. (currently amended): The sight as defined in claim ~~4~~ 13,  
2 wherein said pair of sideward-facing surfaces of said  
3 mounting member have a pair of grooves running  
4 therealong, respectively; and  
5 wherein said pair of grooves in said pair of sideward-  
6 facing surfaces of said mounting member, respectively,  
7 are for tightly receiving the string of the bow so as to  
8 thereby mount said rear peep sight to the string of the  
9 bow.

1 6. (canceled)

1     7.     (currently amended): The sight as defined in claim ~~6~~ 13,  
2             wherein said mounting member has an alignment arm;  
3             wherein said alignment arm of said mounting member is for  
4             reducing and helping prevent twisting or axial rotation  
5             of said rear peep sight about the string of the bow; and  
6             wherein said alignment arm of said mounting member  
7             extends incliningly upwardly from said forward-facing  
8             surface of said mounting member, above said sighting  
9             through bore in said mounting member, to a terminal free  
10            end.

1     8.     (original): The sight as defined in claim 7, wherein  
2             said alignment arm of said mounting member is slender;  
3             wherein said alignment arm of said mounting member is  
4             elongated; and  
5             wherein said alignment arm of said mounting member is  
6             rod-like.

1     9.     (original): The sight as defined in claim 8; further  
2             comprising an elastic cord; wherein said elastic cord is  
3             attached to said terminal free end of said alignment arm  
4             of said mounting member; and  
5             wherein said elastic cord extends from said terminal free  
6             end of said alignment arm of said mounting member for  
7             attaching to the bow by a mount, and by so doing, as the  
8             string of the bow is drawn rearward, said elastic cord  
9             urges said alignment arm into alignment with the bow,  
10            thus precluding axial twist of said rear peep sight about  
11            the string of the bow and keeping said sighting member

12 disposed generally perpendicular to a line of sight of  
13 an archer.

1 10. (original): The sight as defined in claim 7, wherein  
2 said alignment arm extends along a plane which is thirty-  
3 five degrees from a plane in which said mounting member  
4 lies.

1 11. (original): The sight as defined in claim 7, wherein  
2 said mounting member has a visor;  
3 wherein said visor of said mounting member is for  
4 reducing glare;  
5 wherein said visor of said mounting member extends  
6 incliningly downwardly from said rearward-facing surface  
7 of said mounting member;  
8 wherein said visor of said mounting member is disposed  
9 above said sighting through bore in said mounting member;  
10 and  
11 wherein said visor of said mounting member is disposed  
12 below the elevation of said alignment arm of said  
13 mounting member.

1 12. (original): The sight as defined in claim 11, wherein  
2 said visor of said mounting member is convex-concave-  
3 shaped.

1 13. (currently amended) ~~The sight as defined in claim 6~~ A  
2 rear peep sight for mounting to a string of a bow and

3       having interchangeable sight ports for accommodating  
4       different user preferences, said sight comprising:  
5       a)    a mounting member; and  
6       b)    a sighting member;  
7       wherein said mounting member is for mounting to the  
8       string of the bow; and  
9       wherein said sighting member is attached to said mounting  
10      member, wherein said mounting member has a forward-facing  
11      surface;  
12      wherein said mounting member has a rearward-facing  
13      surface; and  
14      wherein said mounting member has a pair of sideward-  
15      facing surfaces, wherein said mounting member has a  
16      sighting through bore;  
17      wherein said sighting through bore in said mounting  
18      member extends substantially centrally through said  
19      mounting member; and  
20      wherein said sighting through bore in said mounting  
21      member extends from said forward-facing surface of said  
22      mounting member to said rearward-facing surface of said  
23      mounting member, wherein said rearward-facing surface of  
24      said mounting member has a channel;  
25      wherein said channel extends transversely in said  
26      rearward-facing surface of said mounting member;  
27      wherein said channel in said rearward-facing surface of  
28      said mounting member extends from one side surface of  
29      said pair of side surfaces of said mounting member to the  
30      other side surface of said pair of side surfaces of said  
31      mounting member;

32 wherein said channel in said rearward-facing surface of  
33 said mounting member opens into said one side surface of  
34 said pair of side surfaces of said mounting member;  
35 wherein said channel in said rearward-facing surface of  
36 said mounting member opens into said other side surface  
37 of said pair of side surfaces of said mounting member;  
38 and  
39 wherein said channel in said rearward-facing surface of  
40 said mounting member communicates with said sighting  
41 through bore in said mounting member.

1 14. (original): The sight as defined in claim 13, wherein  
2 said channel in said rearward-facing surface of said  
3 mounting member is defined by an upper wall;  
4 wherein said channel in said rearward-facing surface of  
5 said mounting member is defined by a lower wall; and  
6 wherein said upper wall and said lower wall defining said  
7 channel in said rearward-facing surface of said mounting  
8 member both extend transversely across said rearward-  
9 facing surface of said mounting member.

1 15. (original): The sight as defined in claim 14, wherein  
2 said upper wall defining said channel in said rearward-  
3 facing surface of said mounting member extends forwardly  
4 and upwardly in said rearward-facing surface of said  
5 mounting member and said lower wall defining said channel  
6 in said rearward-facing surface of said mounting member  
7 extends forwardly and downwardly in said rearward-facing  
8 surface of said mounting member so as to allow said

9 channel in said rearward-facing surface of said mounting  
10 member to diverge forwardly.

1 16. (original): The sight as defined in claim 14, wherein  
2 said mounting member has a pair of through bores;  
3 wherein said pair of through bores in said mounting  
4 member extend laterally through said mounting member; and  
5 wherein said pair of through bores in said mounting  
6 member extend from said forward-facing surface of said  
7 mounting member to said rearward-facing surface of said  
8 mounting member.

1 17. (original): The sight as defined in claim 16, wherein  
2 said pair of through bores in said mounting member are  
3 horizontally-aligned with each other.

1 18. (original): The sight as defined in claim 16, wherein  
2 said pair of through bores in said mounting member  
3 straddle said sighting through bore in said mounting  
4 member.

1 19. (original): The sight as defined in claim 16, wherein  
2 said pair of through bores in said mounting member are  
3 not threaded.

1 20. (original): The sight as defined in claim 16, wherein  
2 said sighting member is a plate.

1 21. (original): The sight as defined in claim 20, wherein  
2 said plate of said sighting member is slidably received  
3 in said channel in said rearward-facing surface of said  
4 mounting member, from either sideward-facing surface of  
5 said pair of sideward-facing surfaces of said mounting  
6 member.

1 22. (original): The sight as defined in claim 20, wherein  
2 said plate of said sighting member is generally  
3 rectangular-shaped; and  
4 wherein said plate of said sighting member is  
5 horizontally-oriented.

1 23. (original): The sight as defined in claim 20, wherein  
2 said plate of said sighting member has a forward-facing  
3 surface;  
4 wherein said plate of said sighting member has a  
5 rearward-facing surface;  
6 wherein said plate of said sighting member has an upper-  
7 facing surface; and  
8 wherein said plate of said sighting member has a lower-  
9 facing surface.

1 24. (original): The sight as defined in claim 23, wherein  
2 said upper-facing surface of said plate of said sighting  
3 member extends forwardly and upwardly from said rearward-  
4 facing surface of said plate of said sighting member to  
5 said forward-facing surface of said plate of said  
6 sighting member and said lower-facing surface of said

7 plate of said sighting member extends forwardly and  
8 downwardly from said rearward-facing surface of said  
9 plate of said sighting member to said forward-facing  
10 surface of said plate of said sighting member so as to  
11 allow said plate of said sighting member to converge  
12 rearwardly.

1 25. (original): The sight as defined in claim 23, wherein  
2 said upper-facing surface of said plate of said sighting  
3 member is captured by said upper wall defining said  
4 channel in said rearward-facing surface of said mounting  
5 member and said lower-facing surface of said plate of  
6 said sighting member is captured by said lower wall  
7 defining said channel in said rearward-facing surface of  
8 said mounting member when said plate of said sighting  
9 member is slid sideways into said channel in said  
10 rearward-facing surface of said mounting member so as to  
11 provide a dove-tail joint that prevents said plate of  
12 said sighting member from vertical movement once said  
13 plate of said sighting member is in said channel in said  
14 rearward-facing surface of said mounting member, yet  
15 allows for horizontal movement so as to allow said plate  
16 of said sighting member to slide sideways into said  
17 channel in said rearward-facing surface of said mounting  
18 member.

1 26. (original): The sight as defined in claim 23, wherein  
2 said plate of said sighting member has a sighting through  
3 bore;



4 wherein said sighting through bore in said plate of said  
5 sighting member extends substantially centrally through  
6 said plate of said sighting member;  
7 wherein said sighting through bore in said plate of said  
8 sighting member extends from said rearward-facing surface  
9 of said plate of said sighting member to said forward-  
10 facing surface of said plate of said sighting member; and  
11 wherein said sighting through bore in said plate of said  
12 sighting member is aligned with said sighting through  
13 bore in said mounting member once said plate of said  
14 sighting member is in said channel in said rearward-  
15 facing surface of said mounting member.

1 27. (original): The sight as defined in claim 26, wherein  
2 said sighting through bore in said plate of said sighting  
3 member has a shape for accommodating different user  
4 preferences.

1 28. (original): The sight as defined in claim 26, wherein  
2 said plate of said sighting member has an auxiliary  
3 through bore;  
4 wherein said auxiliary through bore in said plate of said  
5 sighting member extends through said plate of said  
6 sighting member, from said rearward-facing surface of  
7 said plate of said sighting member to said forward-facing  
8 surface of said plate of said sighting member;  
9 wherein said auxiliary through bore in said plate of said  
10 sighting member is positioned to one side of said

11 sighting through bore in said plate of said sighting  
12 member; and  
13 wherein said auxiliary through bore in said plate of said  
14 sighting member is aligned with one through bore of said  
15 pair of through bores in said mounting member once said  
16 plate of said sighting member is in said channel in said  
17 rearward-facing surface of said mounting member.

1 29. (original): The sight as defined in claim 28, wherein  
2 said auxiliary through bore in said plate of said  
3 sighting member is threaded.

1 30. (original): The sight as defined in claim 29, wherein  
2 said plate of said sighting member has a pimple;  
3 wherein said pimple of said plate of said sighting member  
4 extends rearwardly from said rearward-facing surface of  
5 said plate of said sighting member;  
6 wherein said pimple of said plate of said sighting member  
7 is positioned to the other side of said sighting through  
8 bore in said plate of said sighting member;  
9 wherein said pimple of said plate of said sighting member  
10 is horizontally-aligned with said auxiliary through bore  
11 in said plate of said sighting member; and  
12 wherein said pimple of said plate of said sighting member  
13 is engaged by the other through bore of said pair of  
14 through bores in said mounting member once said plate of  
15 said sighting member is in said channel in said rearward-  
16 facing surface of said mounting member so as to prevent  
17 said plate of said sighting member from horizontal

18 movement once said plate of said sighting member is in  
19 said channel in said rearward-facing surface of said  
20 mounting member.

1 31. (original): The sight as defined in claim 28, wherein  
2 said sighting member has a screw; and  
3 wherein said screw of said sighting member extends freely  
4 through one through bore of said pair of through bores  
5 in said mounting member, from said forward-facing surface  
6 of said mounting member, and threadably into said  
7 auxiliary through bore in said plate of said sighting  
8 member, from said forward-facing surface of said plate  
9 of said sighting member, so as to maintain prevention of  
10 said plate of said sighting member from horizontal  
11 movement once said plate of said sighting member is in  
12 said channel in said rearward-facing surface of said  
13 mounting member.

1 32. (original): The sight as defined in claim 30, wherein  
2 said plate of said sighting member is positioned either  
3 right-side-up or up-side-down in said channel in said  
4 rearward-facing surface of said mounting member depending  
5 upon what shape a user desires for said sighting through  
6 bore in said plate of said sighting member by virtue of  
7 said pair of through bores in said mounting member not  
8 being threaded and said auxiliary through bore in said  
9 plate of said sighting member being threaded and  
10 horizontally-aligned with said pimple of said plate of  
11 said sighting member.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

In view of the foregoing remarks and amendments, it is believed that this application is in condition for allowance.

Respectfully submitted,

BY: Richard L. Miller  
Richard L. Miller  
Agent for Applicant  
Date: August 16, 2005